Attorney Docket No. 030260

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of wireless communications between a first network and a second network enabling a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:

storing an identity of the mobile station;

obtaining authentication information from the first network based on the identity of the mobile station, the first network being a GSM network;

using the authentication information from the first network to create a key;

substituting the key for an authentication key used in a first algorithm to authenticate the mobile station; and

substituting the key for an encryption key used in a second algorithm to encrypt messages between the mobile station and the second network.

2. (Previously Presented) The method of claim 1, wherein the created key is from the first network.

3. (Previously Presented) The method of claim 1, wherein the first algorithm is executed in the second network.

4. (Previously Presented) The method of claim 1, wherein the authentication key is SSD-A.

5. (Previously Presented) The method of claim 1, wherein the encryption key is SSD-B.

6. (Canceled)

7. (Previously Presented) The method of claim 2, wherein the second network is a CDMA network.

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8.   (Previously Presented) The method of claim 2, wherein the first algorithm is a CAVE algorithm.

9.   (Previously Presented) The method of claim 7, wherein the second algorithm is a CAVE algorithm.

10.   (Currently Amended) A mobile station, comprising:

means for receiving a key from a first network, the first network being a GSM network;

means for substituting the first network key for an authentication key used in a first algorithm to authenticate the mobile station; and

means for substituting the key for an encryption key used in a second algorithm to encrypt messages between the mobile station and a second network.

11.   (New) The mobile station of claim 10, wherein the GSM network is General Packet Radio Services (GPRS).

12.   (New) The mobile station of claim 10, wherein the GSM network is Universal Mobile Telecommunication System (UMTS).

13.   (New) The mobile station of claim 10, wherein the GSM network is Wideband-CDMA (W-CDMA).

14.   (New) The mobile station of claim 10, wherein the second network is a CDMA network.

15.   (New) The mobile station of claim 14, wherein the CDMA network is cdma2000-1x.

16.   (New) The mobile station of claim 14, wherein the CDMA network is cdma2000-1xEV-DO.

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17.   (New) The mobile station of claim 1, wherein the GSM network is General Packet Radio Services (GPRS).

18.   (New) The mobile station of claim 1, wherein the GSM network is Universal Mobile Telecommunication System (UMTS).

19.   (New) The mobile station of claim 1, wherein the GSM network is Wideband-CDMA (W-CDMA).

20.   (New) The mobile station of claim 7, wherein the CDMA network is cdma2000-1x.

21.   (New) The mobile station of claim 7, wherein the CDMA network is cdma2000-1xEV-DO.

22.   (New) A method of wireless communications between a first network and a second network enabling a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:

        storing an identity of the mobile station;

        obtaining authentication information from the first network based on the identity of the mobile station, the second network being a CDMA network;

        using the authentication information from the first network to create a key;

        substituting the key for an authentication key used in a first algorithm to authenticate the mobile station; and

        substituting the key for an encryption key used in a second algorithm to encrypt messages between the mobile station and the second network.

23.   (New) The method of claim 22, wherein the created key is from the first network.

24.   (New) The method of claim 22, wherein the first algorithm is executed in the second network.

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25. (New) The method of claim 22, wherein the authentication key is SSD-A.

26. (New) The method of claim 22, wherein the encryption key is SSD-B.

27. (New) The method of claim 22, wherein the CDMA network is cdma2000-1x.

28. (New) The method of claim 22, wherein the CDMA network is cdma2000-1xEV-DO.

29. (New) The method of claim 23, wherein the first algorithm is a CAVE algorithm.

30. (New) The method of claim 22, wherein the second algorithm is a CAVE algorithm.

31. (New) A mobile station, comprising:

means for receiving a key from a first network;

means for substituting the first network key for an authentication key used in a first algorithm to authenticate the mobile station; and

means for substituting the key for an encryption key used in a second algorithm to encrypt messages between the mobile station and a second network, the second network being a CDMA network.

32. (New) The mobile station of claim 31, wherein the CDMA network is cdma2000-1x.

33. (New) The mobile station of claim 31, wherein the CDMA network is cdma2000-1xEV-DO.

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